Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

23.5-24.5 GHz/SMA Female

Model: TLBF-24G-1G-E

TLBF-24G-1G-E is a coaxial band-pass filter with a passband frequency from 23.5 to 24.5 GHz and a rejection frequencies @22 GHz and 26 GHz. The maximum insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 23.5 to 24.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	23.5		24.5	GHz
Band Width			1	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.6	dB
Rejection		>40dB@22Ghz @26Ghz		dB
Power Handling			20	W
VSWR			1.5	:1
Impedance		50		Ohms

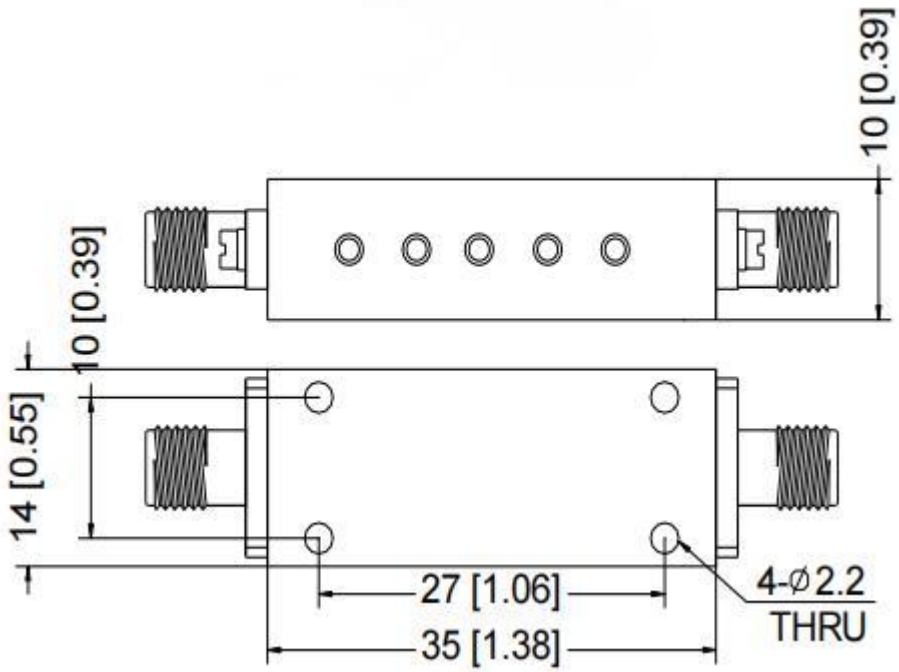
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Connectors	SMA Female	

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外形图 Outline Drawing:

Unit:mm



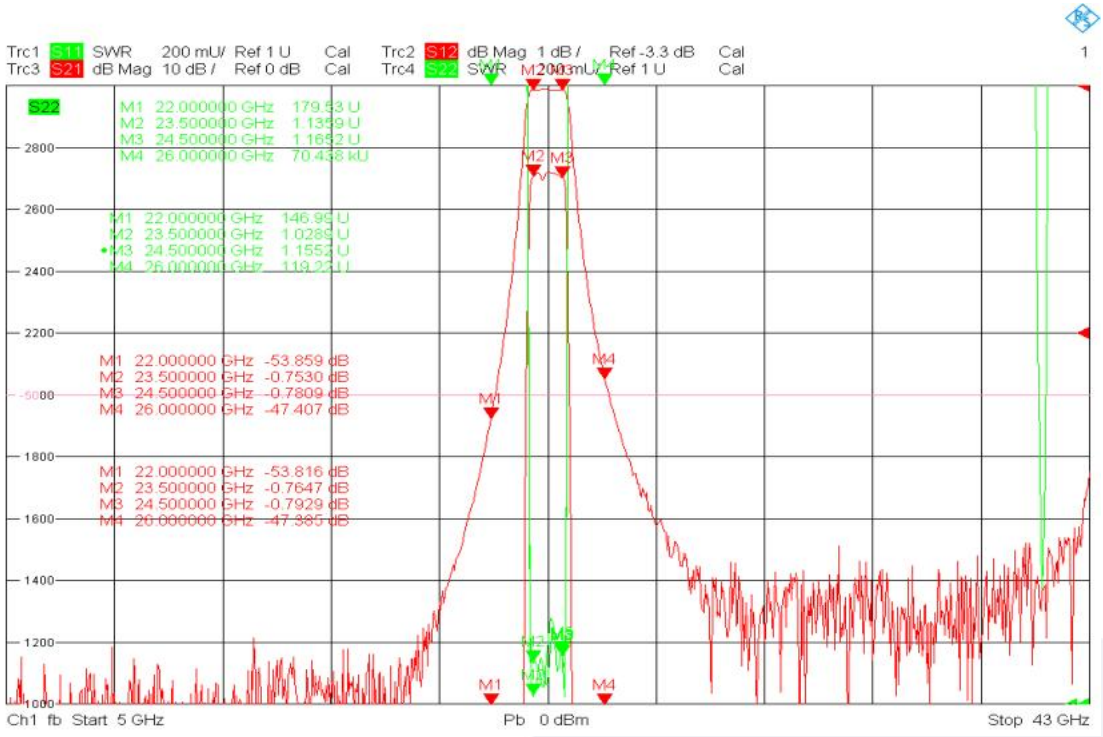
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-24G-1G-E	Coaxial Band-pass Filter,Passband frequency range:23.5-24.5GHz,Passband Insertion Loss:1.8dB, SMA Female	Rev.1.0

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Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.